



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Wednesday, December 27, 2017
Issued: 0800 CT

Day 1 Weather Impacts: *Some light freezing drizzle ongoing this morning over W TX/SE NM into the TX South Plains ; slick spots/light accumulations on bridges, overpasses, and elevated surfaces possible before it ends by mid-day.*

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



Prepared by: Brian Hoeth
817-978-1100 x 147

Key Points



Today

- Light freezing drizzle ongoing this morning over W TX/SE NM into the TX South Plains; slick spots/light accumulations on bridges/overpasses/elevated surfaces possible before it ends by midday.
- No other significant weather expected

Thursday - Friday

- No significant weather impacts expected

Saturday – Sunday (New Year's Eve)

- Next system moves through the Region on Saturday; looks to be a strong cold front that will usher in much colder temperatures to start the New Year
 - Wintry mix of precipitation is possible over NE portions of the Region Saturday night into Sunday; Low confidence on exact type/amounts/locations at this time
 - Low temperatures in the teens for much of the northern tier of the Region Sunday morning and even colder (single digits in the north, teens to 20s for middle portions of the Region) on Monday morning (New Year's Day)

FEMA Region 6 Threat Matrix

Dec 27, 2017 through Dec 31, 2017



	WED	THU	FRI	SAT	
Severe Weather					
Heavy Rain / Flash Flooding					
Fire Weather					
Winter	W TX/SE NM into TX S Plains (Early)			NE Portions of the Region	NE Portions of the Region
River Flooding					

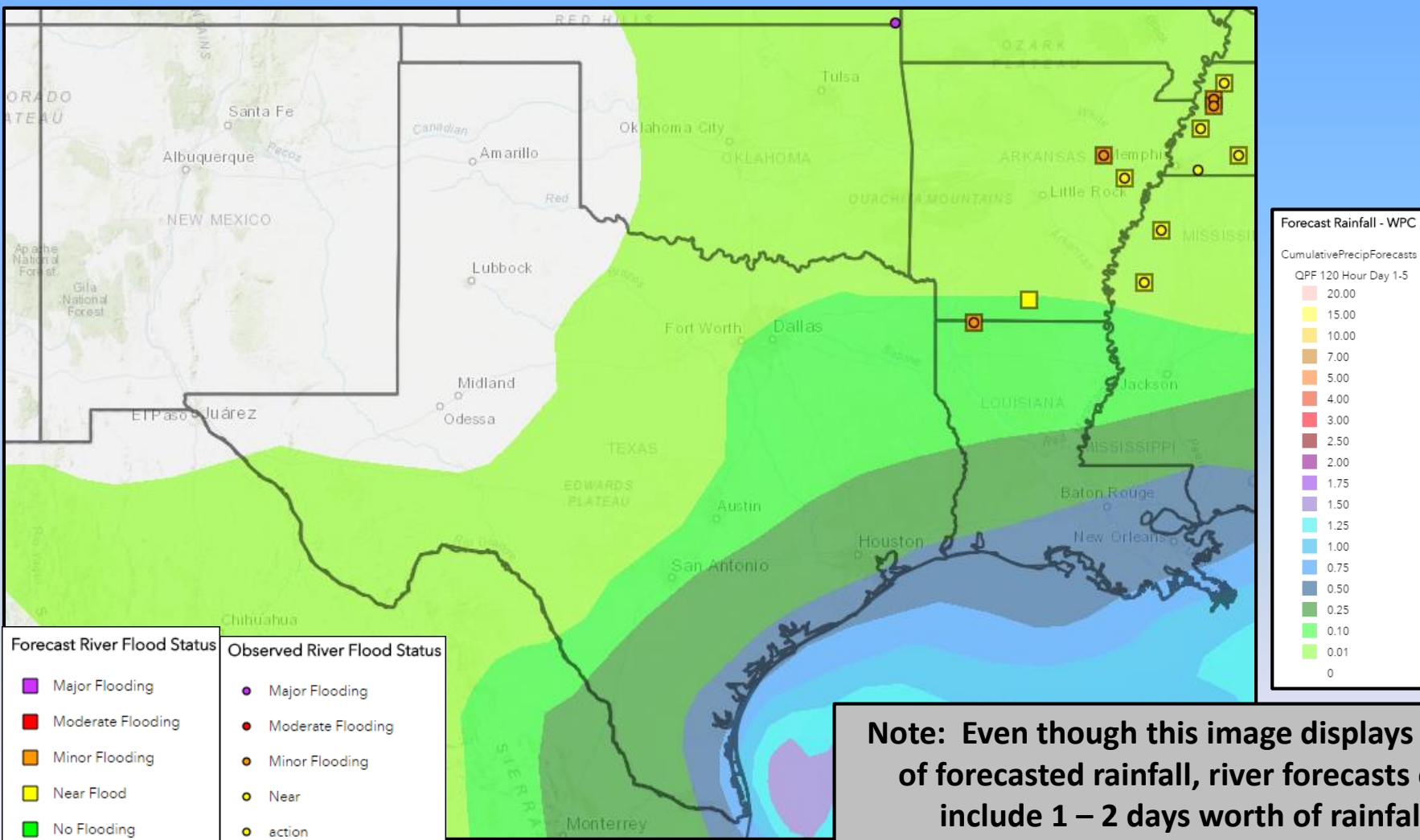
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



5-Day Precipitation Forecast & River Flood Status

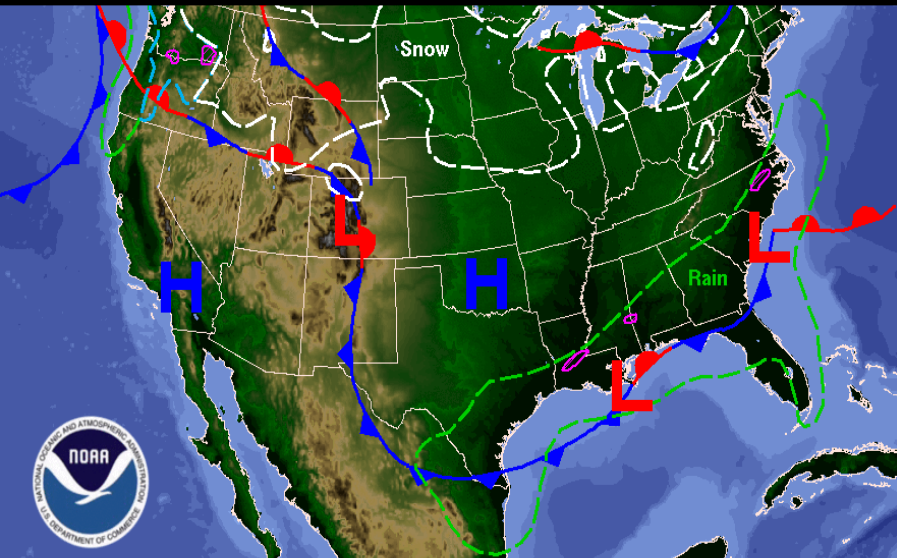
**Very isolated minor river flooding will continue over NW LA & E AR for the next few days.
No significant impacts.**



Note: Even though this image displays 5 days of forecasted rainfall, river forecasts only include 1 – 2 days worth of rainfall.

For the latest on river flooding: <http://water.weather.gov/ahps>

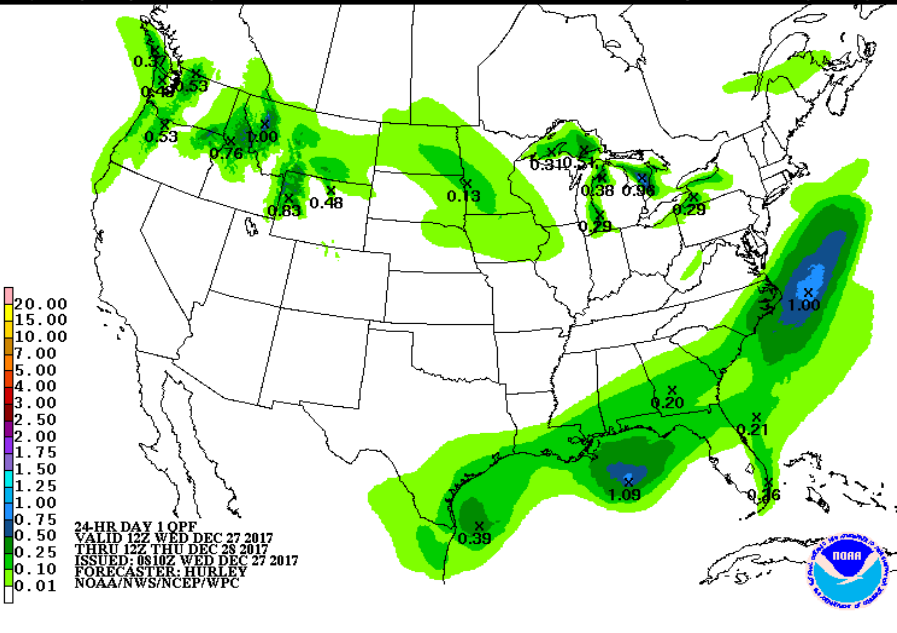
Today's Weather



Day 1 National Forecast Chart

Valid Wed, Dec 27, 2017, issued 4:10 AM EST
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds/Hurley with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



Light freezing drizzle ongoing this morning over W TX/SE NM into the TX South Plains; slick spots/light accumulations on bridges/overpasses/elevated surfaces possible before it ends by midday.

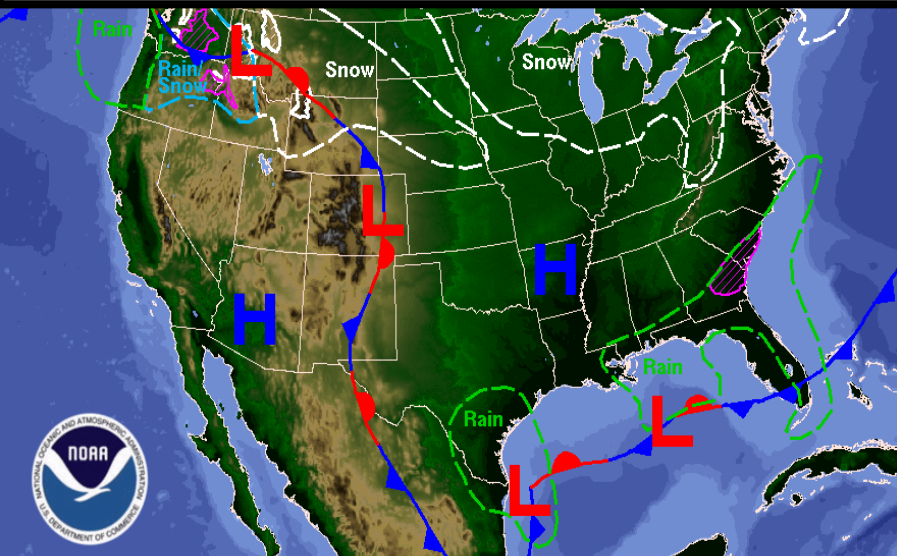
Highlighted Area: FEMA Region 6

Severe Weather Outlook Wednesday, December 27, 2017

Last Updated: Dec 27 2017 0629 AM CST
Valid Until: Dec 28 2017 0600 AM CST



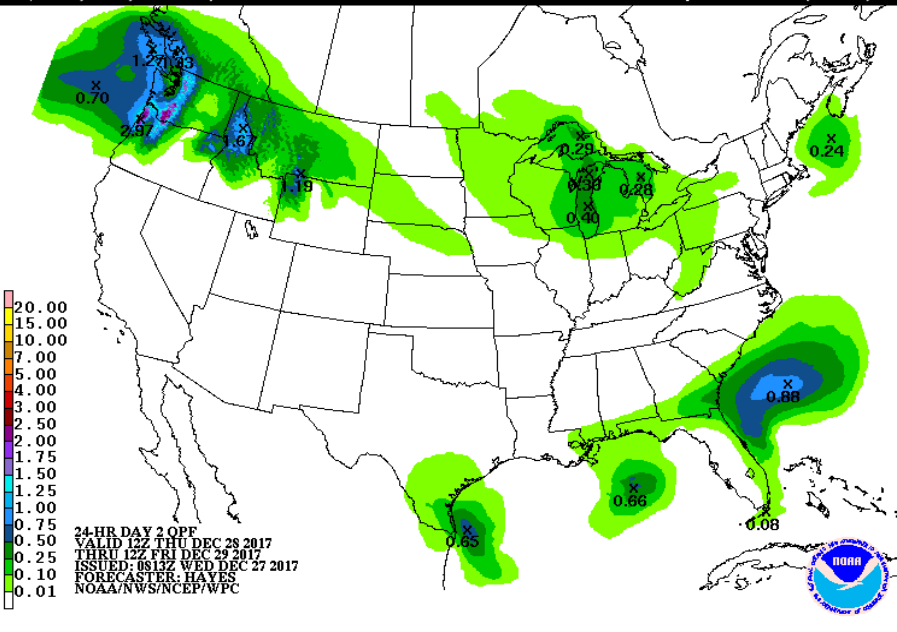
Tomorrow's Weather



Day 2 National Forecast Chart

Valid Thu, Dec 28, 2017, issued 4:16 AM EST Wed, Dec 27, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds/Hurley with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



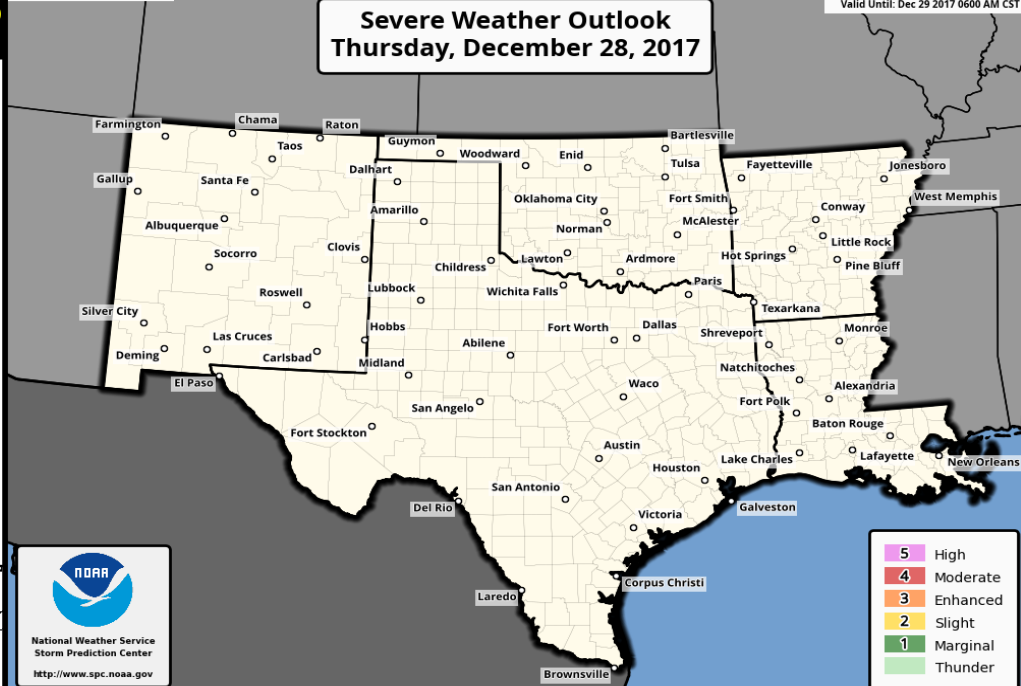
24-HR DAY 2 OPI
 VALID 12Z THU DEC 28 2017
 THRU 12Z FRI DEC 29 2017
 ISSUED 0813Z WED DEC 27 2017
 FORECASTER: HAYES
 NOAA/NWS/NCEP/WPC

No significant weather expected.

Highlighted Area: FEMA Region 6

Severe Weather Outlook Thursday, December 28, 2017

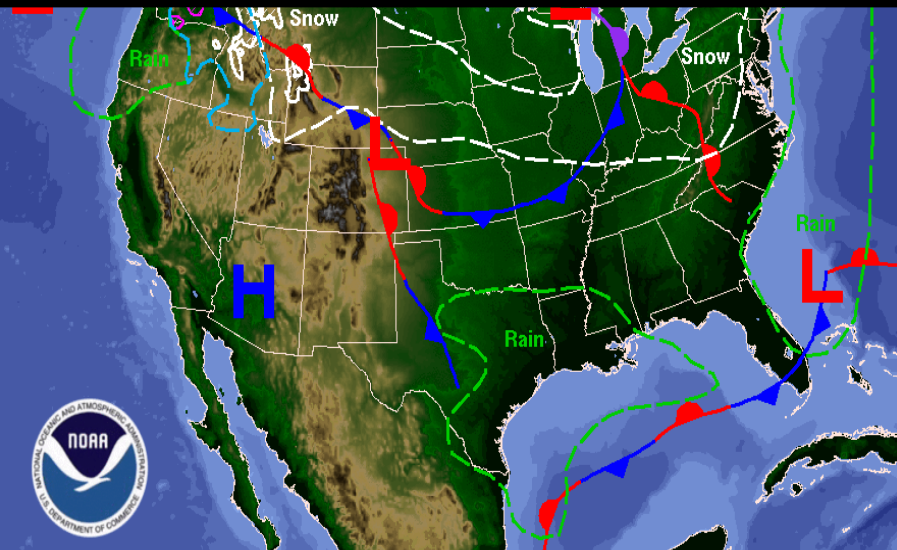
Last Updated: Dec 26 2017 1024 PM CST
 Valid Until: Dec 29 2017 0600 AM CST



NOAA
 National Weather Service
 Storm Prediction Center
<http://www.spc.noaa.gov>

5 High
 4 Moderate
 3 Enhanced
 2 Slight
 1 Marginal
 Thunder

Friday's Weather

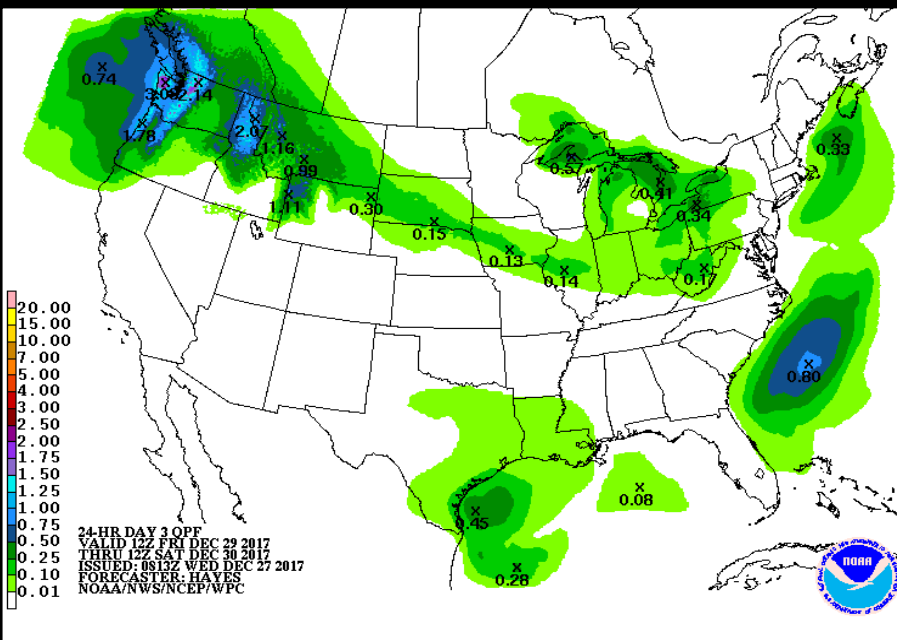


No significant weather expected.

Day 3 National Forecast Chart

Valid Fri, Dec 29, 2017, Issued 4:25 AM EST Wed, Dec 27, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds/Hurley with WPC/SPC/NHC forecasts

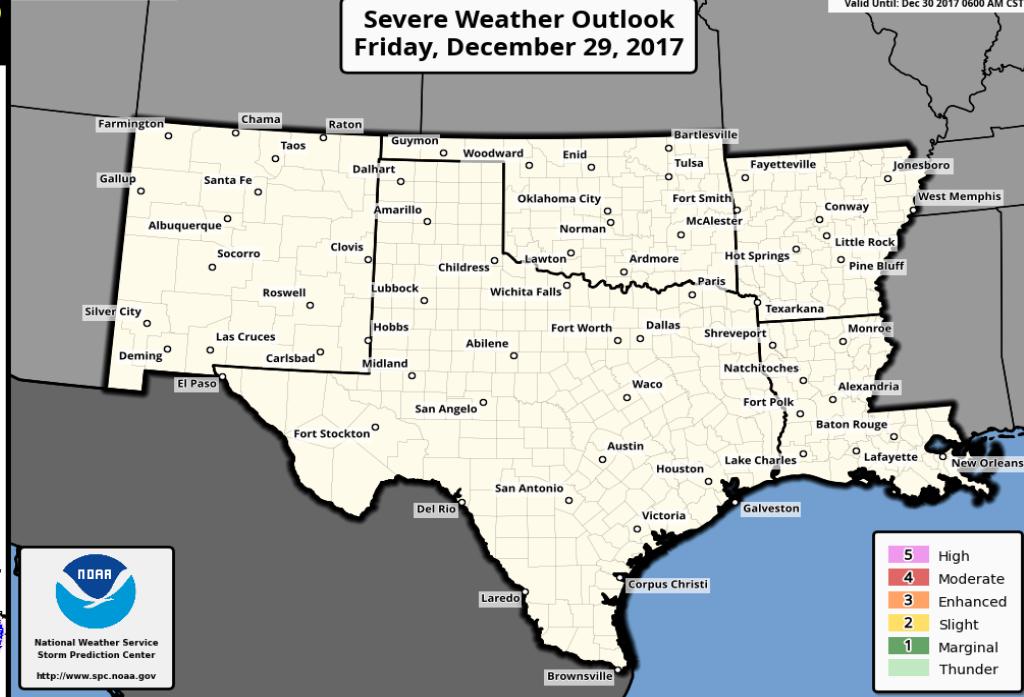
Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



Highlighted Area: FEMA Region 6

Severe Weather Outlook Friday, December 29, 2017

Last Updated: Dec 26 2017 11:05 PM CST
Valid Until: Dec 30 2017 06:00 AM CST

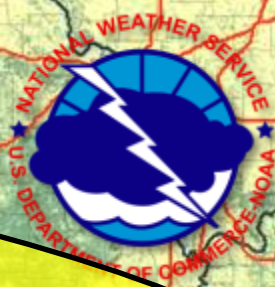


NOAA
National Weather Service
Storm Prediction Center
<http://www.spc.noaa.gov>

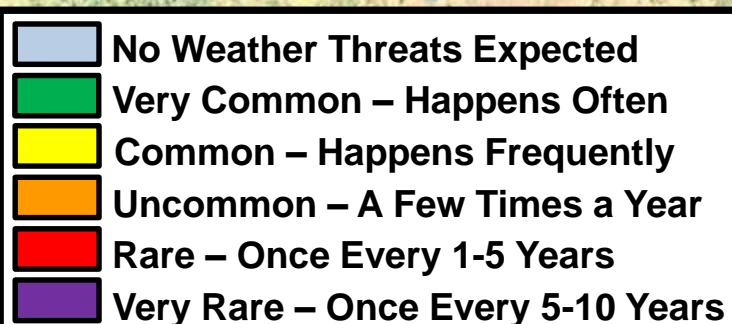
5 High
4 Moderate
3 Enhanced
2 Slight
1 Marginal
Thunder

Day 4-5 Weather Hazards

Saturday - Sunday



Snow or a wintry mix possible
Saturday night/Sunday. Low
confidence on precipitation
types/amounts/locations at
this time.

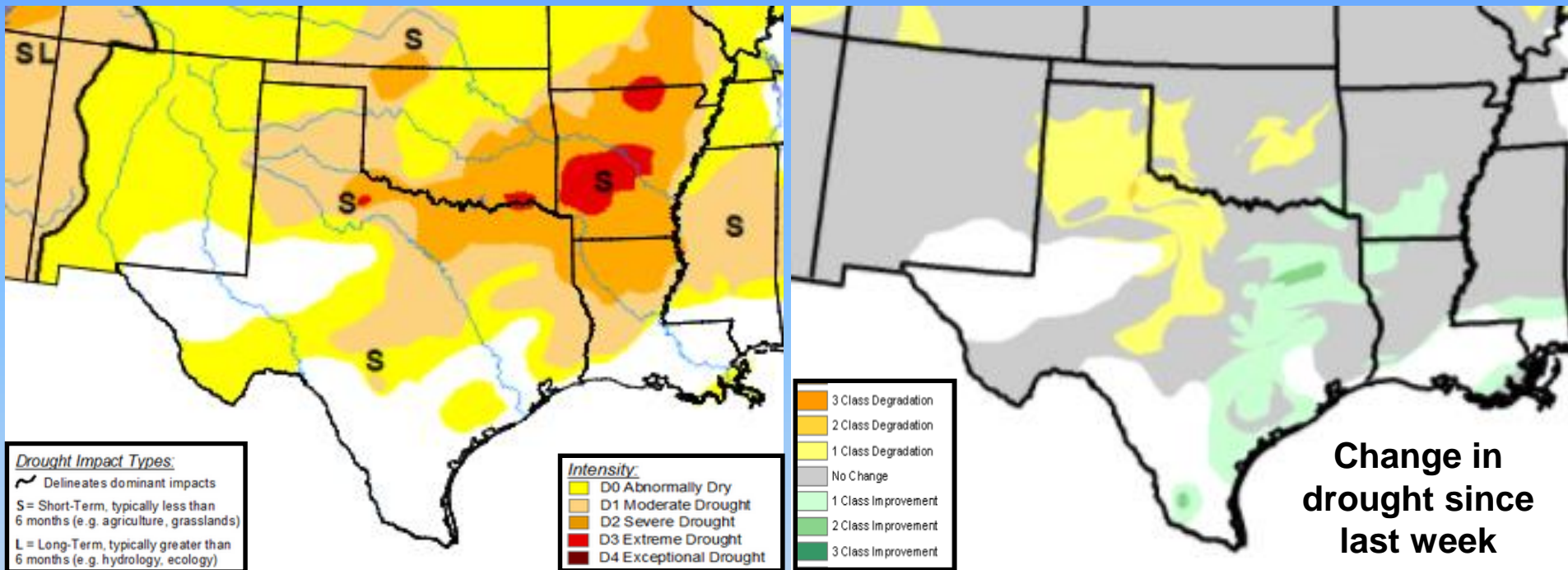


*Threat levels are based on FEMA
Region 6 criteria. State or local
threat level criteria may differ.



Drought Monitor Released December 21, 2017

Data valid as of 6am CST, Tuesday, December 19, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	25.31%	42.40%	0.00%	0.00%
Louisiana	0.00%	7.07%	0.00%	0.00%
Oklahoma	1.21	3.12	0.00%	3.14%
Texas	0.25%	0.76%	0.00%	0.04%
New Mexico	0.00%	0.00%	0.00%	0.00%

Space Weather 3-Day Forecast



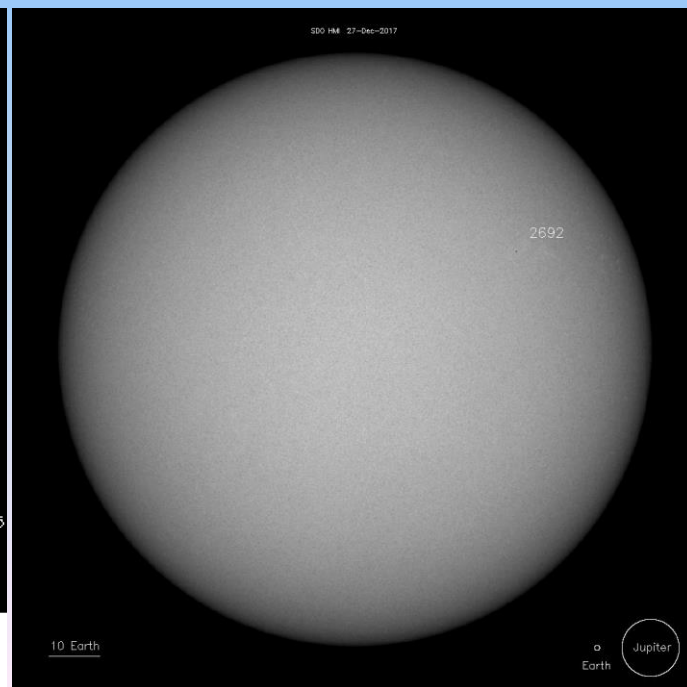
[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal Proton Background
NOAA/SWPC Boulder, CO USA



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

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<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms